

***Meeting of the
New York State Reliability Council, L.L.C. (NYSRC)
Reliability Rules Subcommittee (RRS)***

***Draft Minutes of RRS Meeting #260
Thursday, September 2, 2021***

RRS Members and Alternatives:

Roger Clayton	Chairman	
Michael Ridolfino	Central Hudson	Member
Frank Grimaldi	NYPA	Alt. Member
Brian Shanahan	National Grid	Member
Zoraini Rodriguez	PSEG/LIPA	Member
Martin Paszek	Consolidated Edison	
Arif Hossain		
Michael Mullin	Consolidated Edison	Alt. Member
Rahul Pandit	PSEG/LIPA	
Muhammad Ibraheem	PSEG/LIPA	Alt. Member
Brian Gordon	NYSEG/RGE	Member

RRS Non-Voting Participants:

Paul Gioia	Counsel
Humayun Kabir	DPS
Jim Grant	NYISO
Mark Capano	NYISO
Keith Burrell	NYISO

Agenda Items

1.0 Introduction

Meeting 260 was called to order by Mr. Clayton at 09:30.

1.1 Executive Session

No Executive Session was requested.

1.2 Requests for Additional Agenda Items

None

2.0 Approval of Meeting Minutes/Action Items

2.1 RRS 259 Approval of Minutes

The minutes of RRS Meeting #259 (June Meeting) was approved with removal of asterisk and addition of NYISO company for Mr. Ciani.

2.2 RRS 259 Status Report to EC

Covered Status report.

2.3 RRS 259 Action Item List

The following Action Items were reviewed:

AI 259-4 Develop a draft glossary term for emergency transfer limits
On agenda today so action item is completed.

AI 259-3 Provide to RRS a list of National Grid questions that was generated from “Initial Report on the New York Power Grid Study - Appendix E Zero Emissions Electric Grid in New York by 2040” report
This was sent to RRS so action item is completed.

AI 259-2 Provide comments on draft NYSRC goals.
On agenda today so action item is completed.

AI 259-1 Provide ICS comments on the draft NYSRC goals and will forward to ICS as well.
This item is being worked on with Mr. Shanahan and will be on today’s agenda, so action item is completed.

AI 258-1 Extreme weather
On agenda today but the action item will still be considered ongoing.

3.0 NYSRC Reliability Rules (RR) Development

3.1 List of Potential Reliability Rule Changes

RRS reviewed the list of potential rule changes.

3.2 PRR for EC final approval after posting

Nothing new to report

3.3 PRR posted for comments

Nothing new to report

3.4 Discussion Items

3.4.1 NYSRC Goals and Actions

RRS reviewed the recent goals document. After discussion of planning for low probability events, Mr. Clayton suggested the removal of “extreme system conditions” from B1 and complete removal of B2. Item D2 has been

completed with white paper by January 2022. E1 is ongoing action item to share committee's extreme weather topics.

3.4.2 Emergency Transfer Limit Discussion

RRS reviewed the draft Emergency Transfer Limit definition. Mr. Clayton has requested that he be assigned **Action Item 260-1** for a **Draft wording review for the Emergency Transfer Limit glossary term.**

3.4.3 Resource Adequacy – General

3.4.3.1 NYSRC Presentation to CAC “Reliability Challenges in Meeting CLCPA Requirements

Presentation was reviewed by RRS. There is a need for new clean energy resources as the grid is transformed. Some resources may rely on technologies that currently do not exist. Hydrogen might be a way forward. The solar impacted load curve was displayed for RRS to show the new load curve profiles related to renewables. For 2040, a total of 88GW of installed generation resources are needed to meet load with the projected levels of renewables. It would include a 50GW reserve requirement to meet CLCPA 2040 goals and the existing resource adequacy reliability criterion.

3.4.3.2 EPRI Project “Resource Adequacy for a Decarbonized Future

Mr. Clayton presented the project overview of what studies EPRI is currently involved that are related to renewables meeting resource adequacy.

3.4.4 Resource Adequacy – Extreme Weather

3.4.4.1 FERC Technical Conference “Climate Change, Extreme Weather & Electric System Reliability”

Mr. Clayton presented his notes from this technical conference. The one in ten criteria was discussed as being too conservative and no new criteria was proposed but the EUE (Expected Unserved Energy) was a new metric that may be developed further into the future. Australia has developed an EUE standard, but it is much less conservative than the one in ten criteria.

3.4.4.2 NYISO 2021-2030 CRP – Wind Lull Scenario

Mr. Clayton presented the wind lull portion of the PowerPoint. To remove the 28GW of thermal resources there needs to be a 37GW addition to obtain a similar LOLE. The land based

wind resource lull does not require additional resources. The offshore wind resource lull did have a substantial impact on LOLE, largely due to its location in the network and the resource deficiencies in zone J and K.

4.0 Informational Items

4.1 Update – NYSRC EC Report “Decarbonization & DER Activity”

Mr. Clayton provided the RRS some items of interest from the DER reporting concerning the projected levels of new projects in the NYISO queue.

4.2 Draft 2022 Committee Meeting Schedule

Instead of NYSERDA hosting future RRS and RCMA meetings, the NYISO may be able to host the meetings; however, for now the meetings will still be listed as WebEx.

5.0 NPCC Directories

5.1 None

6.0 NERC SARS/Organization Standards

6.1 NERC Standard Tracking

CIP-002-7, CIP-003-9, CIP-004-7, CIP-005-8, CIP-006-7, CIP-007-7, CIP-008-7, CIP-009-7, CIP-010-3, CIP-013-3. were voted by NYSRC in the affirmative on 8/24.

7.0 Additional Agenda Items

None

8.0 Reports

8.1 NYSRC EC Meeting Report

None

8.2 NYSRC ICS Meeting Report

Table 6-1 for the preliminary base case was accepted. From the preliminary base case, it listed a preliminary IRM of 18.6%. It was slightly less than last year’s IRM due to load uncertainty. Corporate goals were also discussed as described by the action item.

9.0 Next Meeting

Meeting #260 was adjourned at 11:08.

The next meeting (#261) is scheduled for Thursday, October 7, 2021 at 9:30 by WEBEX.